

Newest Notes on Science

A megaphone and fan have been combined in a recent novelty. New Zealand has an annual death rate of less than one per cent. Electricity has been adapted to 48 different purposes about a household. An enamel to glaze pottery without the use of heat is a German invention. One of the newer vacuum bottles can be taken entirely apart for cleaning. Japanese claim to have invented matches that will light perfectly even when wet. Quickly adjusted molds for concrete steps have been patented by a Missouri inventor. Plumbago is the most important mineral product of Ceylon, which has about 7,000 mines. For advertising purposes an automobile has been built that resembles a huge wooden shoe. An air-propelled hydroplane has been built in France for use on shallow rivers in Africa. Seats which can be hung on automobile doors to carry additional passengers have been invented. An alcohol lamp provides the heat in apparatus invented by a Frenchman to disinfect with steam. Included with recently invented sun goggles is a shade to protect a wearer's nose from sunburn. Bombay averages more than 72 inches of rain a year and gets most of it within four or five months. A hand-operated machine to knead the stiffness out of leather has been invented by an Oklahoma man. A powerful machine has been built in Germany for compressing scrap metal into more easily handled lumps. Sharp points in the inside of the lid of a new egg-cup cut the shell away without disturbing the contents. Sixty miles of thread woven from the fibre of a species of Italian nettle weighs but two and a half pounds. Leather and canvas covers to be laced over automobile springs to keep them clean and dry have been patented. A wall tie that grips half a dozen bricks instead of two, as customary, has been invented by a Scotch builder. About 1,729 miles of railroads in the United States have been electrified to about 1,278 in all foreign lands. According to a British scientist, weight for weight, macaroni is as valuable a flesh-building food as beef or mutton. For parcel-post purposes there has been invented a bag sewed to the bottom of which is a flat tag for address and stamp. According to an official German test networks of telephone wires over a city tend to diminish the danger from lightning. For carrying a baby a California inventor has patented a sling supported by straps around a parent's shoulders and chest. Strong and practically fireproof artificial sandstone has been made in

H.P. SAUCE does not separate in the bottle—it is the same all through—the last drop is as delicious as the first. Made in England, every drop.

cries official has invented an automatic elevator. A machine has been invented accurately to test and record the adhesion between different piles of canvas used in rubber hose, belting and automobile tires. The coal in one of the largest new mines in China lies so near the surface of the ground that it will be mined with steam shovels after the covering soil is removed. The United States coast survey will make accurate measurements across Florida to determine whether the Gulf of Mexico is higher or lower than the Atlantic ocean. Figures compiled by the Italian government show that the world produced 4,000,000,000 bushels of wheat last year, an increase of 300,000,000 bushels from the year before. Supported by spectacle bows from the ears, a respirator has been invented for surgeons, dentists and barbers to prevent their breath mingling with that of patients or patients. A submerged oak forest covering several square miles, from which logs more than 100 feet in length have been taken, was discovered by Russian engineers while dredging a river. The known coal areas of the United States cover about 310,000 square miles, and there are about 150,000 square miles more that are believed to be underlain with marketable coal. German lithographers have found they can electroplate paper for use in their work without danger of its absorbing the plating bath liquid by first coating the paper with varnish. The government of New Zealand is building a five-mile railroad tunnel at a cost of nearly \$5,000,000 to give close connection between the east and west coasts of South Island. Around the central tube of a new antiseptic telephone mouthpiece is a container for disinfectants that give off fumes in such a way as to kill all germs that enter the device. According to an Italian physician the channel from the mouth to the stomach is the seat of the senses of hunger and thirst, which he claims to have suppressed by cocaine injections. An Illinois inventor has combined a scraper, metal door mat and fibre mat in one article, the metal portion being hinged so it may be lifted for the dirt beneath it to be swept away. In model form an English inventor has succeeded in operating a railroad car that is raised above the track by the repelling force of electricity and the repelling force by magnets above it. Using an artificial eye featured by selenium cells, a New York electrician is developing a typewriter which he expects to copy automatically any reading matter placed in front of it. The markings on a graduated measuring glass invented in Germany are made along a zigzag line, instead of a vertical one, and, having wider spaces between, are said to be read more accurately. The centre rod of a Wisconsin inventor's quick-acting wrench is threaded only at the sides, permitting the movable jaw to be pressed against an object and locked by engaging the threads with it.

THE JOY OF BEING ALIVE AND WELL

Restored To Health By "Fruit-a-lives" The Famous Fruit Medicine. MDE. ROCHON Rochon, P.Q. March 2nd, 1915. "I have received the most wonderful benefit from taking 'Fruit-a-lives'. I suffered for years from Rheumatism and change of life, and I took every remedy obtainable, without any good results. I heard of 'Fruit-a-lives' and gave it a trial and it was the only medicine that really did me good. Now I am entirely well; the Rheumatism has disappeared and the terrible pains in my body are all gone. I am exceedingly grateful to 'Fruit-a-lives' for such relief, and I hope that others who suffer from such distressing diseases will try 'Fruit-a-lives' and get well." MADAME ISABE ROCHON. The marvellous work that 'Fruit-a-lives' is doing, in overcoming disease and healing the sick, is winning the admiration of thousands and thousands. 50c. a box, 6 for \$2.50, trial size, 25c. At all dealers or sent postpaid by Fruit-a-lives Limited, Ottawa.

BRITAIN'S IMPDET BARRIER. U. S. Notified of Further Additions To Embargo List. Washington, May 6.—Further extension of the British embargo list against importations of various articles was announced by the State Department received by the State Department from American Consul-General Skinner at London. The message, dated May 4th, reported that the British Board of Trade shortly will issue rules restricting the importation into the United Kingdom of the following goods: Bladders, casings of sausage skins; bromine and brushwood, bulbs, flower roots, plants, trees and shrubs; canned, bottled, dried and preserved vegetables and pickles; horn and hoofs; ice; animal and vegetable ivory moss; litter rubber tires, tubes for motor-cars and motor cycles; salt, starch, dextrine, farina and potato flour.

Plays and Players

David Belasco has postponed the production of Willard Mack's play, "Alias Santa Claus," until next season. John P. Campbell, director of the Irish Theater in America, will make a production of an Irish play this month. "Watch Your Step" having its season. Mrs. Vernon Castle is going abroad to join her husband. May Vokes and John Slavin form a new team which will invade the vaudeville field. Fay Templeton, with less avoidance than formerly, will return to the stage on May 8th at the Davis Theater in Pittsburgh. Rupert Hughes wrote "Gloria's Romance," in which Billy Burk will soon appear on the screen in New York. Maude Fealy is touring the Orpheum circuit in a sketch, "When the Tide Turns." De Wolf Hopper, whose contract as a movie star is said to expire in the fall, will play vaudeville engagements next season, offering a comedy monologue entitled "Mishaps in the Movies." Alexandra Carlisle, Virginia Hammond and George Wilson will be in support of E. H. Sothern in "If I Were King," in which he makes his farewell appearance on the American stage. James T. Powers will return to the New York stage soon in a new musical comedy entitled "Somebody's Luggage," under the direction of the Shuberts. In the cast will be Lionel Belmore, Ethel Gray Terry, Jeanne Eagles, Eva Williams, H. C. Mortimer and Byron Russell. "Suki," a new play in which Ann Murdock soon will be seen in New York, has been successfully launched by the Frohman office. Paul Gordon, a promising romantic actor, has the leading juvenile role. Charles Rann Kennedy's at work on a new play which he has named "The Rib of the Man." It will be produced next season with Edith Wynne Matthison in the stellar role, Miss Matthison is a Toronto favorite, well-remembered for her "Everyman" and "Rosallind." Mr. Kennedy is her husband. Phyllis Neilson-Terry, the English actress, is to marry Cecil King, English actor and stage director, early in June. Miss Neilson-Terry, who is a daughter of Julia Neilson and Fred Terry, was born in October, 1892, and made her first appearance on the stage in 1909. Mr. King staged Joseph Brooks' production of "Tribby" and appeared in the cast as the Rev. Thomas Bagot. His most recent appearance was made in vaudeville, playing the part of the Friar in Miss Neilson-Terry's scene from "Romeo and Juliet." French composers are incorrigible. Even the environment of the trenches cannot quench their enthusiastic love for writing operas. Director Gheusi, of the Paris Opera Comique, has received more than one manuscript score from the French trenches, according to the London Daily Telegraph, and in particular there has reached him one of a three-act opera which he considers a veritable masterpiece. A mystery attaches to

it, however, from the fact that no clue to the composer's identity has yet been discovered. It seems that Mr. Gheusi was so struck by the dignity and masterly technique of the score that he suspected the anonymous author of being possibly one of the luminaries of his profession who, by this subterfuge, wished to test the merits of his work on its face value, and to compete on equal terms with his less-known rivals. Accordingly, Director Gheusi gathered round him some of his colleagues to study the score with a view to unravelling the problem. But, while none of them could recognize the style of any of their contemporaries, all, it is said, agreed that "a new masterpiece had been created for the glory of French music."

Margaret Anglin is appearing in a revival of Oscar Wilde's brilliant comedy-drama, "A Woman of No Importance." The play is an ironical and cynical study of English high life set forth in the same spirit as "Lady Windermere's Fan," which Miss Anglin revived so successfully two years ago. The wit, humor and sagacity of which the brilliant and eccentric author was a master are abundantly illustrated in the text. The dialogue sparkles and the action abounds in scenes of absorbing dramatic interest. Miss Anglin appeared in the role of Mrs. Abruthnot and gives a delightful portrayal. Sharing honors with the star was Holbrook Blinn. "A Woman of No Importance" was first produced by H. Beerholm Tree at the Haymarket Theatre, London, on April 19th, 1893. The New York premieres were given by Rose Coghlan at the Fifth Avenue Theatre in December of the same year.

"ANURIGI!" THE NEWEST DISCOVERY IN CHEMISTRY. This is a recent discovery of Doctor Pierce, who is head of the Buffalo, N. Y. Hospital for several years proved that there is no other eliminator of uric acid that can be compared to it. For those easily recognized symptoms of inflammation—as backache, swelling urine and frequent urination, as well as sediment in the urine, or if uric acid in the blood has caused rheumatism, it is simply wonderful how surely "Anurigi" acts. The best of results are always obtained in cases of acute rheumatism in the joints, in gravel and gout, and invariably the pains and stiffness which so frequently and persistently accompany the disease rapidly disappear. Go to your nearest drug store and simply ask for a 50-cent package of "Anurigi," manufactured by Dr. Pierce, or send 10 cents to Dr. Pierce for a large trial package. If you suspect kidney or bladder trouble send him a sample of your water and describe symptoms. Doctor Pierce's chemist will examine it, then Dr. Pierce will report to you, without fee or charge. NOTE:—French scientists affirm that "Anurigi" is thirty-seven times more active than lithia in eliminating uric acid, and is a harmless but reliable chemical compound that may be safely given to children, but should be used only by grown-ups who actually wish to restore their kidneys to perfect health, by conscientiously using one box—or more in extreme cases—as "Anurigi" (thanks to Doctor Pierce's achievement) is by far the most perfect kidney and bladder corrector obtainable. Dr. Pierce's Pellets are the original little Liver Pills. One little Pellet for a laxative—three for a cathartic.

CANADIAN ORDER CHOSEN FRIENDS. The objects of the Order are to unite in bonds of Friendship, Aid and Protection all acceptable white persons of Canada of either sex, between the ages of 16 and 45. To relieve the sick and comfort the afflicted. To provide life insurance at a low but safe rate, in accordance with the Ontario Government Standard. To pay sick benefits to members incapacitated by sickness or accident. If there is not a Council of Chosen Friends in your vicinity, there should be. For full particulars write to any of the following offices: Dr. A. W. Edwards, M.P., W. F. Montague, Grand Councillor, Grand Recorder, W. F. Campbell, J. H. Bell, M.D., Grand Organizer, Grand Medical Ex. HAMILTON - ONTARIO

\$1,000.00 REWARD

For information that will lead to the discovery or whereabouts of the person or persons suffering from Nervous Debility, Diseases of the Mouth and Throat, Blood Poison, Skin Diseases, Bladder Troubles, Special Ailments, and Chronic or Complicated Complaints who cannot be cured at The Ontario Medical Institute, 263-265 Yonge St., Toronto. Correspondence invited

M.S.C. COCOANUT OIL SHAMPOO. Healthy hair needs attention, and any disorder of the scalp or falling hair will grow worse by neglect. M. S. C. Shampoo contains pure Coconut Oil and other hair health ingredients, which by constant use will keep the scalp and hair in perfect condition. Buy a bottle from your dealer, and follow directions carefully, and you, like thousands of others, will be convinced of our claims. PRICE 50c. ALL DRUGGISTS - EVERYWHERE. MUTUAL SALES CO. TORONTO.

Gloves Cleaned Free. If this coupon is enclosed with an order of Dyeing or Cleaning, sent to our Head Office or any of our branches, one pair of gloves—any length—will be cleaned free of charge for each dollar's worth of work. Parker's Dye Works, Ltd. 69 PRINCESS STREET, KINGSTON, ONT.

GRAND TRUNK RAILWAY SYSTEM. Homeseekers' Excursions. Round trip tickets to Western Canada via Chicago or North Bay or Cochrane will be on sale each Tuesday up to and including Oct. 31st, 1916. Valid for return within two months. An extension of time limit not exceeding two months may be had on payment of \$5.00 per month, but in no case later than Nov. 30th, 1916. For full particulars apply to J. P. Hanley, C.P. and T.A., cor. Johnson and Ontario streets.

CANADIAN PACIFIC OCEAN SERVICES. ALLAN LINES. Lv. Liverpool, Lv. Montreal Apr. 21 Sicilian May 8 May 19 Scandian May 20 May 19 Pretorian June 3 Lv. London, Lv. Montreal Apr. 21 Corinthian May 9 May 31 Corinthian June 17 Lv. Glasgow, Lv. Montreal May 7 Carthaginian May 24 June 10 Carthaginian June 28 CAN. PAC. LINES. Lv. Liverpool, Lv. Montreal May 4 Bismarck May 17 May 12 Metagnan May 27 For Rates, Reservations, Etc., apply Local Agents. Or Allan Line, 85 King St. W., Toronto. Or I. E. Suckling, 1 King St. E., Toronto. General Agents THE ROBERT RECORD CO., LIMITED 50 King Street East, Toronto.

THE TRANSCONTINENTAL NEW ROUTE TO WESTERN CANADA. TORONTO-WINNIPEG. Via North Bay, Cobalt and Cochrane. Lv. TORONTO 10.45 P. M. Tuesday, Thursday and Saturday. Ar. WINNIPEG 3.50 P. M. Thursday, Saturday and Monday. Connecting at Winnipeg with G. T. P. train leaving 6.00 p.m. daily for Regina, Saskatoon, Edmonton and intermediate points. Through Tickets to Prince George, Prince Rupert, Alaska, Vancouver, Victoria, Seattle and San Francisco. Splendid food and the best of everything. Timetables and all information from any Grand Trunk, Can. Govt. Ry., or T. & N. O. Railway Agent.

Homeseekers Excursions. Every Tuesday, March to October "All Rail" Every Wednesday During Season Navigation "Great Lakes Route". Somewhere out on the prairies where last year Canada's Greatest Wheat Crop was produced there is a home waiting for you. The CANADIAN PACIFIC will take you there, give you all the information about the best places, and help you to success. Particulars from F. Conway, C.P.A., City Ticket Office, cor. Princess and Wellington streets, Phone 1197.

Homeseekers' Fares. TO WINNIPEG and Return \$25.00 REGINA and Return \$28.75 SASKATOON and Return \$30.75 EDMONTON and CALGARY and Return \$43.00 Every Monday to October 30th. Proportionate Fares from and to other points. ELECTRIC FACETED TOURIST CARS. For our Booklet "Homeseekers and Settlers" Guide, Tickets and Information, apply to R. H. Ward, Station Agent, or M. C. Dunn, City Agent. CANADIAN NORTHERN

NERVOUS HEADACHE. Headache is not a disease in itself, but comes as a warning to tell you that there is something wrong with the system. Consequently when you stop a headache by the use of powerful narcotic drugs, you merely stifle the "danger signal" by which Nature tells you that there is trouble ahead. Why not select a treatment that aims to remove the cause of trouble by enriching the blood and building up the starved and exhausted nerves. Such is Dr. Chase's Nerve Food, and the effectiveness of this food cure is so well known that we scarcely need tell you about it. In almost every newspaper you will find some cure reported as a result of using Dr. Chase's Nerve Food. The mention of it among your friends will reveal the fact that nearly everybody knows it as the standard medicine for diseases of the nerves and other ailments arising from a watery condition of the blood. 50 cents a box, 6 for \$2.50, all dealers, or Edmanson, Bates & Co., Limited, Toronto. Do not be talked into accepting a substitute. Imitations disappoint. Dr. Chase's Nerve Food. Dr. Chase's Recipe Book, 1,000 selected recipes, sent free if you mention this paper.